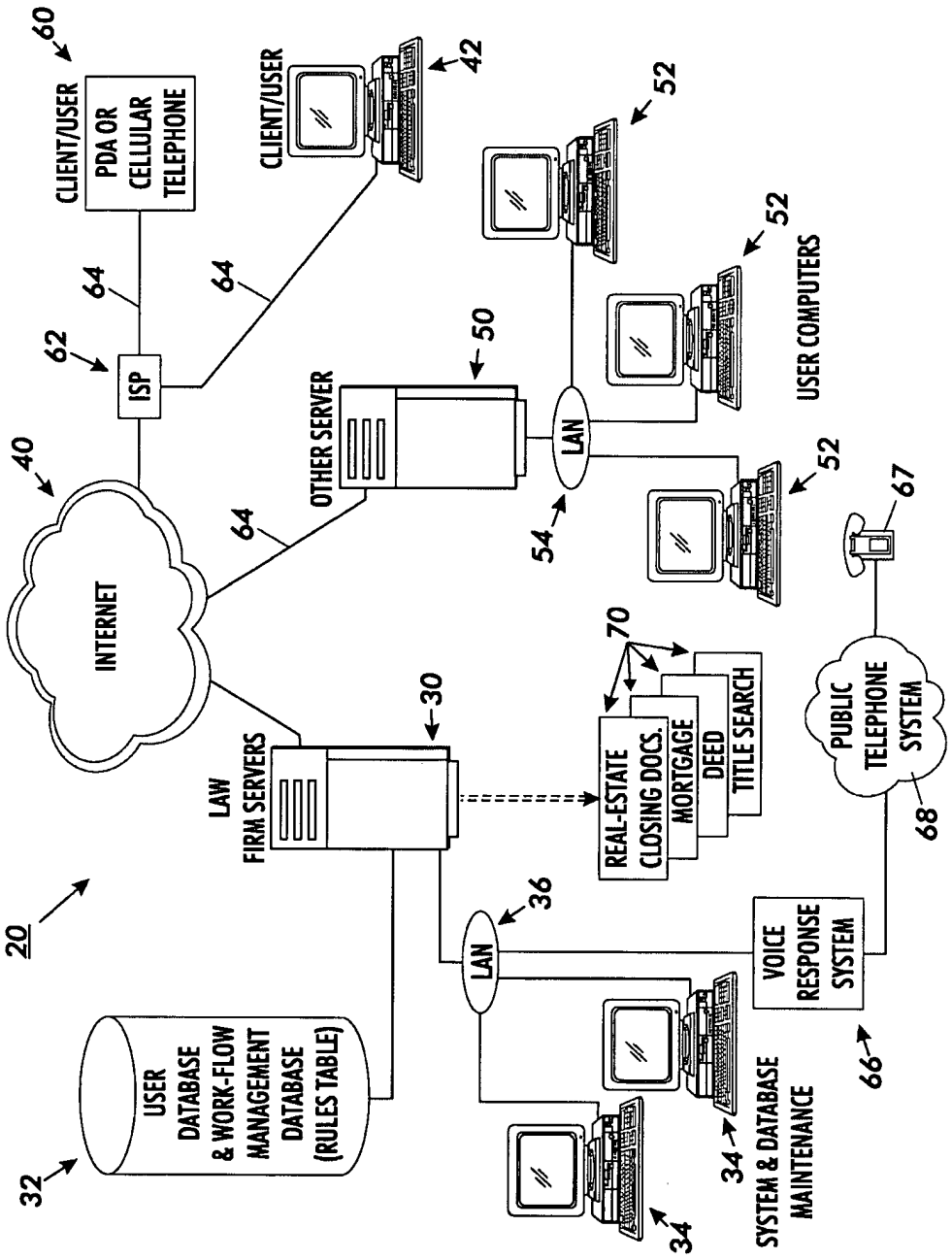

60
CLIENT/USER
PDA OR CELLULAR TELEPHONE
CLIENT/USER
42
64
64
62
ISP
50
OTHER SERVER
52
52
USER COMPUTERS
40
INTERNET
64
LAN
54
52
67
70
30
LAW FIRM SERVERS
REAL-ESTATE CLOSING DOCS.
MORTGAGE
DEED
TITLE SEARCH
PUBLIC TELEPHONE SYSTEM
20
36
LAN
VOICE RESPONSE SYSTEM
68
USER DATABASE & WORK-FLOW MANAGEMENT DATABASE (RULES TABLE)
32
34
34
SYSTEM & DATABASE MAINTENANCE
66

FIG. 1

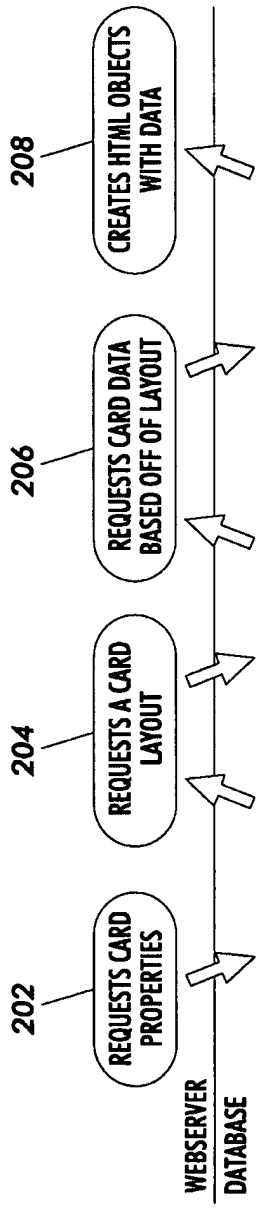

202
REQUESTS CARD PROPERTIES
204
REQUESTS A CARD LAYOUT
206
REQUESTS CARD DATA BASED OFF OF LAYOUT
208
CREATES HTML OBJECTS WITH DATA
WEBSERVER
DATABASE

FIG. 2A

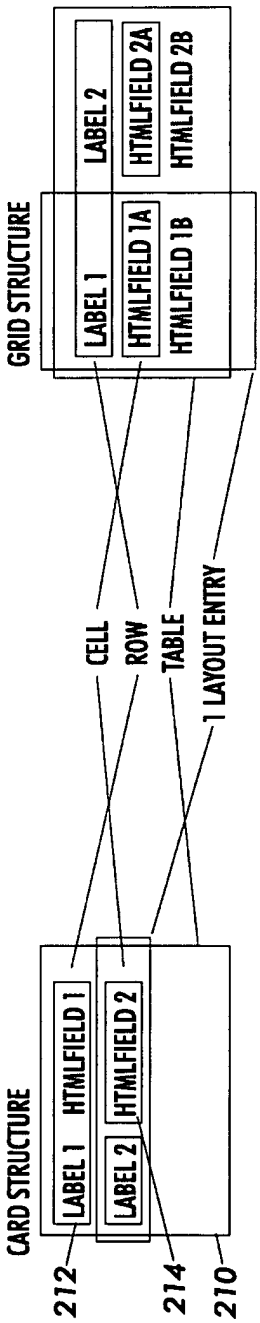

GRID STRUCTURE
LABEL 1
HTMLFIELD 1A
HTMLFIELD 1B
LABEL 2
HTMLFIELD 2A
HTMLFIELD 2B
CELL
ROW
TABLE
1 LAYOUT ENTRY
CARD STRUCTURE
LABEL 1
HTMLFIELD 1
LABEL 2
HTMLFIELD 2
212
214
210

FIG. 2B

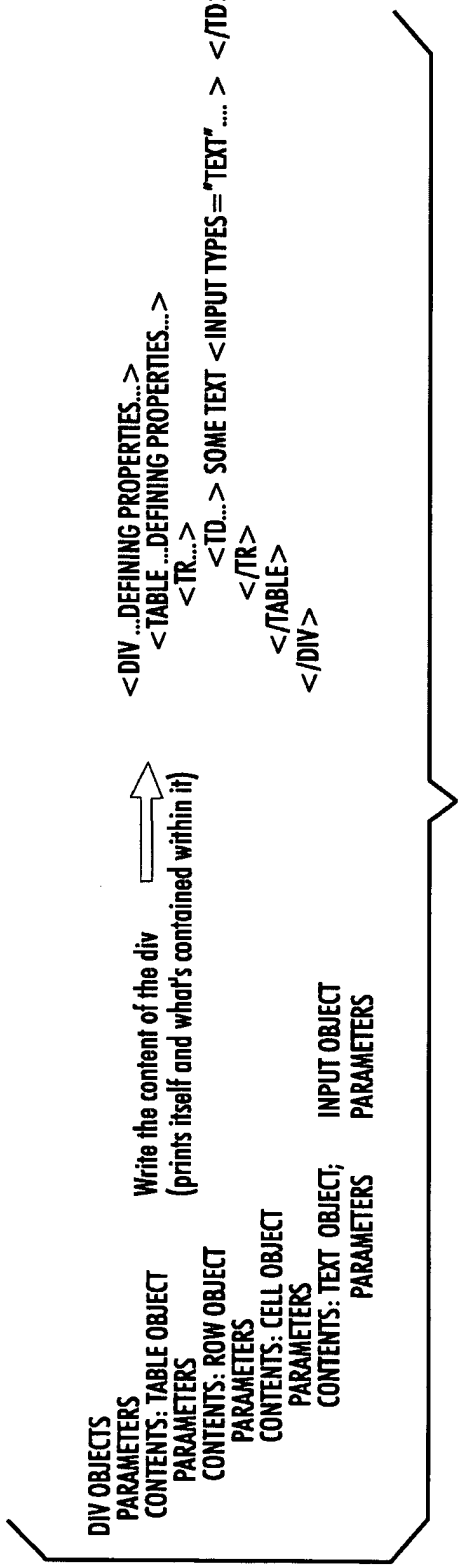

DIV OBJECTS
PARAMETERS
CONTENTS: TABLE OBJECT
PARAMETERS
CONTENTS: ROW OBJECT
PARAMETERS
CONTENTS: CELL OBJECT
PARAMETERS
CONTENTS: TEXT OBJECT; INPUT OBJECT
PARAMETERS PARAMETERS
Write the content of the div
(prints itself and what's contained within it)
<DIV ...DEFINING PROPERTIES...>
<TABLE ...DEFINING PROPERTIES...>
<TR...>
<TD...> SOME TEXT <INPUT TYPES="TEXT".... > </TD>
</TR>
</TABLE>
</DIV>

FIG. 2C

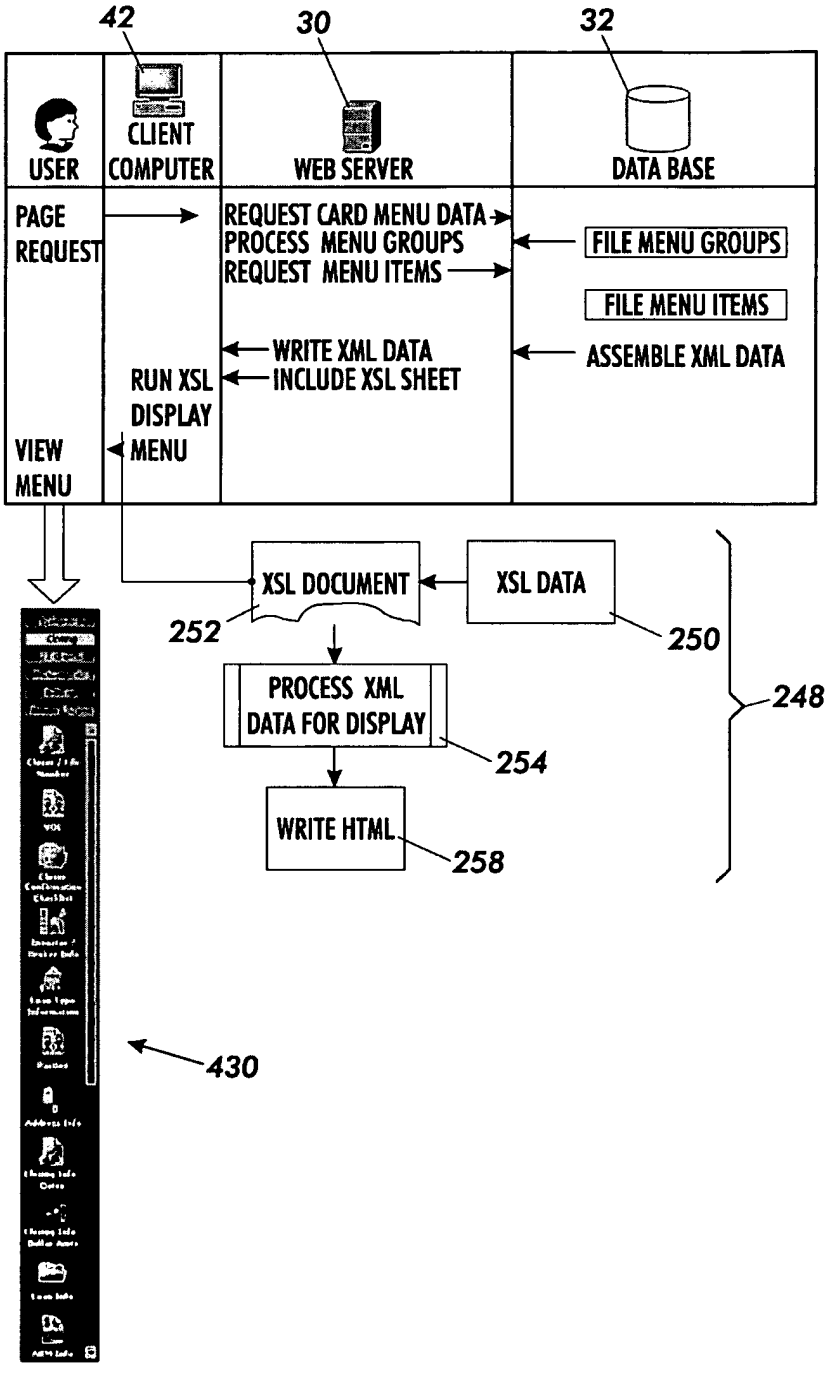
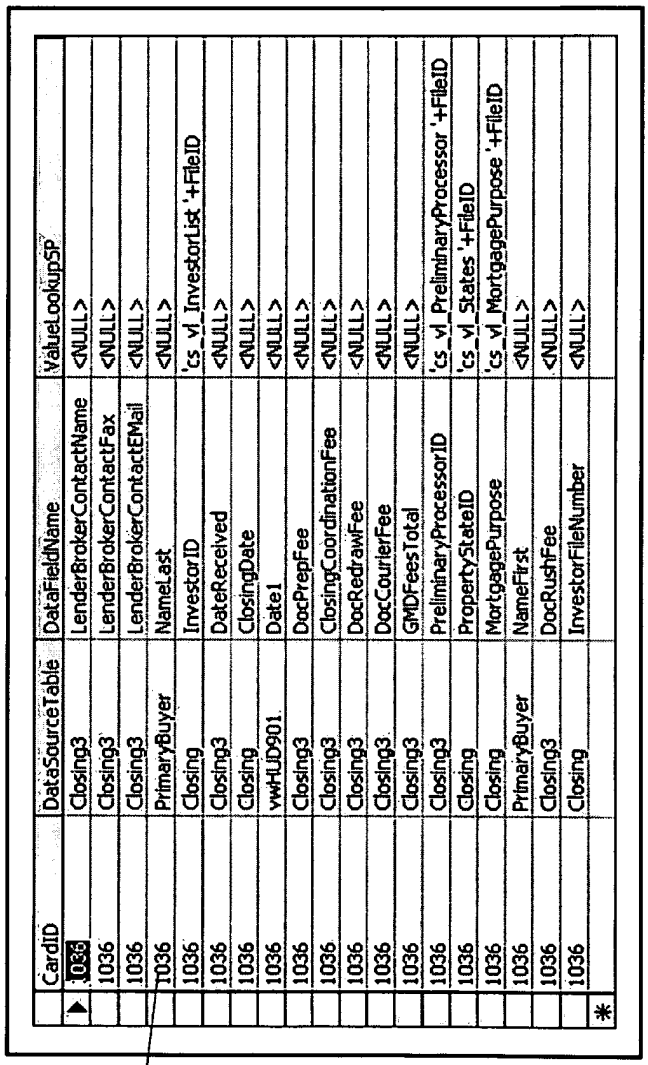

42
30
32
USER
CLIENT COMPUTER
WEB SERVER
DATA BASE
PAGE REQUEST
REQUEST CARD MENU DATA
PROCESS MENU GROUPS
REQUEST MENU ITEMS
FILE MENU GROUPS
FILE MENU ITEMS
WRITE XML DATA
INCLUDE XSL SHEET
ASSEMBLE XML DATA
RUN XSL DISPLAY MENU
VIEW MENU
XSL DOCUMENT
XSL DATA
252
250
248
PROCESS XML DATA FOR DISPLAY
254
WRITE HTML
258
430

FIG. 3



	CardID	DataSourceTable	DataFieldName	ValueLookupSP
▶	1036	Closing3	LenderBrokerContactName	<NULL>
	1036	Closing3	LenderBrokerContactFax	<NULL>
	1036	Closing3	LenderBrokerContactEMail	<NULL>
	1036	PrimaryBuyer	NameLast	<NULL>
	1036	Closing	InvestorID	'cs_vl_InvestorList '+FileID
	1036	Closing3	DateReceived	<NULL>
	1036	Closing	ClosingDate	<NULL>
	1036	vwHUD901	Date1	<NULL>
	1036	Closing3	DocPrepFee	<NULL>
	1036	Closing3	ClosingCoordinationFee	<NULL>
	1036	Closing3	DocRedrawFee	<NULL>
	1036	Closing3	DocCourierFee	<NULL>
	1036	Closing3	GMDFeesTotal	<NULL>
	1036	Closing3	PreliminaryProcessorID	'cs_vl_PreliminaryProcessor '+FileID
	1036	Closing	PropertyStateID	'cs_vl_States '+FileID
	1036	Closing	MortgagePurpose	'cs_vl_MortgagePurpose '+FileID
	1036	PrimaryBuyer	NameFirst	<NULL>
	1036	Closing3	DocRushFee	<NULL>
	1036	Closing	InvestorFileNumber	<NULL>
*				

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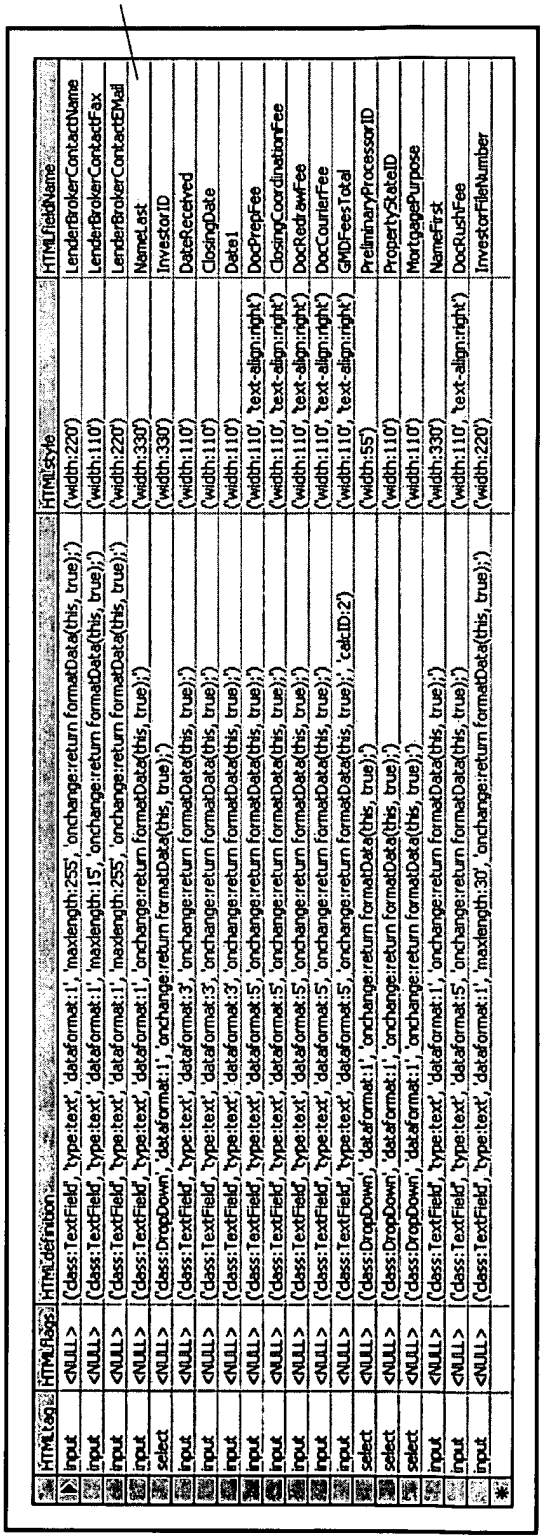
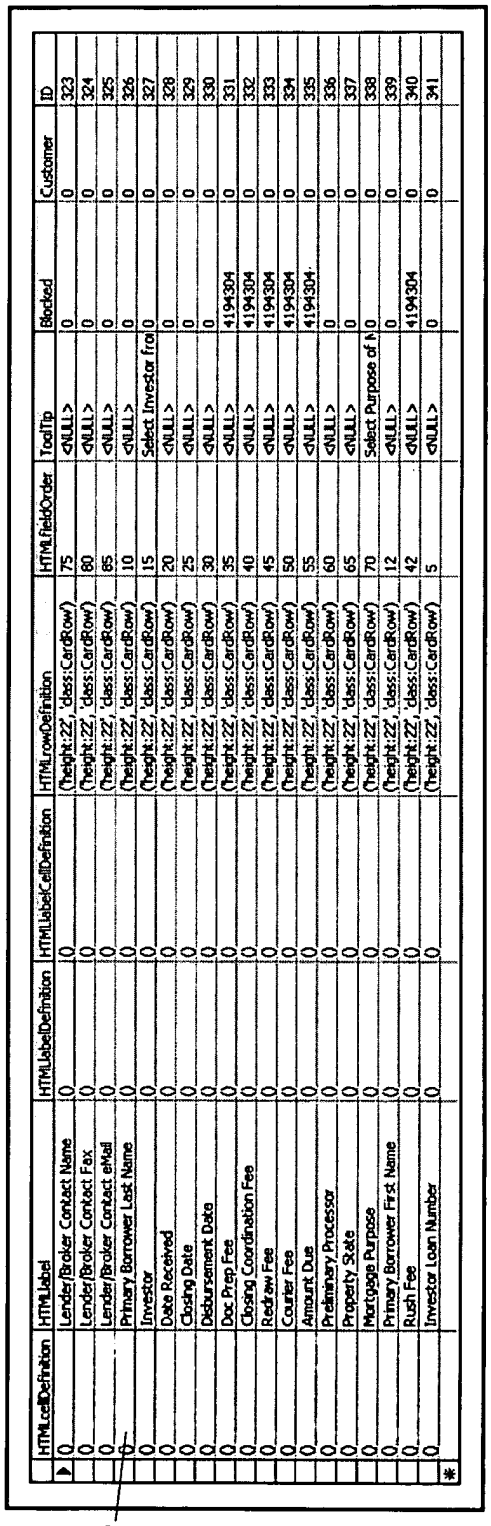
FIG. 4A



HTMLTag2	HTMLTag3	HTMLDefinition	HTMLStyle	HTMLFieldName
input	<NULL>	('class:TextField', 'type:text', 'dataformat:1', 'maxlength:255', 'onchange:return formatData(this, true);')	('width:220')	LenderBrokerContactName
input	<NULL>	('class:TextField', 'type:text', 'dataformat:1', 'maxlength:15', 'onchange:return formatData(this, true);')	('width:110')	LenderBrokerContactFax
input	<NULL>	('class:TextField', 'type:text', 'dataformat:1', 'maxlength:255', 'onchange:return formatData(this, true);')	('width:220')	LenderBrokerContactEMail
input	<NULL>	('class:TextField', 'type:text', 'dataformat:1', 'onchange:return formatData(this, true);')	('width:330')	NameLast
select	<NULL>	('class:DropDown', 'dataformat:1', 'onchange:return formatData(this, true);')	('width:330')	InvestorID
input	<NULL>	('class:TextField', 'type:text', 'dataformat:3', 'onchange:return formatData(this, true);')	('width:110')	DateReceived
input	<NULL>	('class:TextField', 'type:text', 'dataformat:3', 'onchange:return formatData(this, true);')	('width:110')	ClosingDate
input	<NULL>	('class:TextField', 'type:text', 'dataformat:3', 'onchange:return formatData(this, true);')	('width:110')	Date1
input	<NULL>	('class:TextField', 'type:text', 'dataformat:5', 'onchange:return formatData(this, true);')	('width:110', 'text-align:right')	DocPrepFee
input	<NULL>	('class:TextField', 'type:text', 'dataformat:5', 'onchange:return formatData(this, true);')	('width:110', 'text-align:right')	ClosingCoordinationFee
input	<NULL>	('class:TextField', 'type:text', 'dataformat:5', 'onchange:return formatData(this, true);')	('width:110', 'text-align:right')	DocRedrawFee
input	<NULL>	('class:TextField', 'type:text', 'dataformat:5', 'onchange:return formatData(this, true);')	('width:110', 'text-align:right')	DocCourierFee
input	<NULL>	('class:TextField', 'type:text', 'dataformat:5', 'onchange:return formatData(this, true);', 'calcID:2')	('width:110', 'text-align:right')	GMDFeesTotal
select	<NULL>	('class:DropDown', 'dataformat:1', 'onchange:return formatData(this, true);')	('width:55')	PreliminaryProcessorID
select	<NULL>	('class:DropDown', 'dataformat:1', 'onchange:return formatData(this, true);')	('width:110')	PropertyStateID
select	<NULL>	('class:DropDown', 'dataformat:1', 'onchange:return formatData(this, true);')	('width:110')	MortgagePurpose
input	<NULL>	('class:TextField', 'type:text', 'dataformat:1', 'onchange:return formatData(this, true);')	('width:330')	NameFirst
input	<NULL>	('class:TextField', 'type:text', 'dataformat:5', 'onchange:return formatData(this, true);')	('width:110', 'text-align:right')	DocRushFee
input	<NULL>	('class:TextField', 'type:text', 'dataformat:1', 'maxlength:30', 'onchange:return formatData(this, true);')	('width:220')	InvestorFileNumber

FIG. 4B



	HTMLCellDefinition	HTMLLabel	HTMLLabelDefinition	HTMLLabelCellDefinition	HTMLRowDefinition	HTMLFieldOrder	ToolTip	Blocked	Customer	ID
▶	0	Lender/Broker Contact Name	0	0	(height:22', 'class:CardRow')	75	<NULL>	0	0	323
	0	Lender/Broker Contact Fax	0	0	(height:22', 'class:CardRow')	80	<NULL>	0	0	324
	0	Lender/Broker Contact eMail	0	0	(height:22', 'class:CardRow')	85	<NULL>	0	0	325
	0	Primary Borrower Last Name	0	0	(height:22', 'class:CardRow')	10	<NULL>	0	0	326
	0	Investor	0	0	(height:22', 'class:CardRow')	15	Select Investor fro	0	0	327
	0	Date Received	0	0	(height:22', 'class:CardRow')	20	<NULL>	0	0	328
	0	Closing Date	0	0	(height:22', 'class:CardRow')	25	<NULL>	0	0	329
	0	Disbursement Date	0	0	(height:22', 'class:CardRow')	30	<NULL>	0	0	330
	0	Doc Prep Fee	0	0	(height:22', 'class:CardRow')	35	<NULL>	4194304	0	331
	0	Closing Coordination Fee	0	0	(height:22', 'class:CardRow')	40	<NULL>	4194304	0	332
	0	Redraw Fee	0	0	(height:22', 'class:CardRow')	45	<NULL>	4194304	0	333
	0	Courier Fee	0	0	(height:22', 'class:CardRow')	50	<NULL>	4194304	0	334
	0	Amount Due	0	0	(height:22', 'class:CardRow')	55	<NULL>	4194304	0	335
	0	Preliminary Processor	0	0	(height:22', 'class:CardRow')	60	<NULL>	0	0	336
	0	Property State	0	0	(height:22', 'class:CardRow')	65	<NULL>	0	0	337
	0	Mortgage Purpose	0	0	(height:22', 'class:CardRow')	70	Select Purpose of M	0	0	338
	0	Primary Borrower First Name	0	0	(height:22', 'class:CardRow')	12	<NULL>	0	0	339
	0	Rush Fee	0	0	(height:22', 'class:CardRow')	42	<NULL>	4194304	0	340
	0	Investor Loan Number	0	0	(height:22', 'class:CardRow')	5	<NULL>	0	0	341
*										

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FIG. 4C

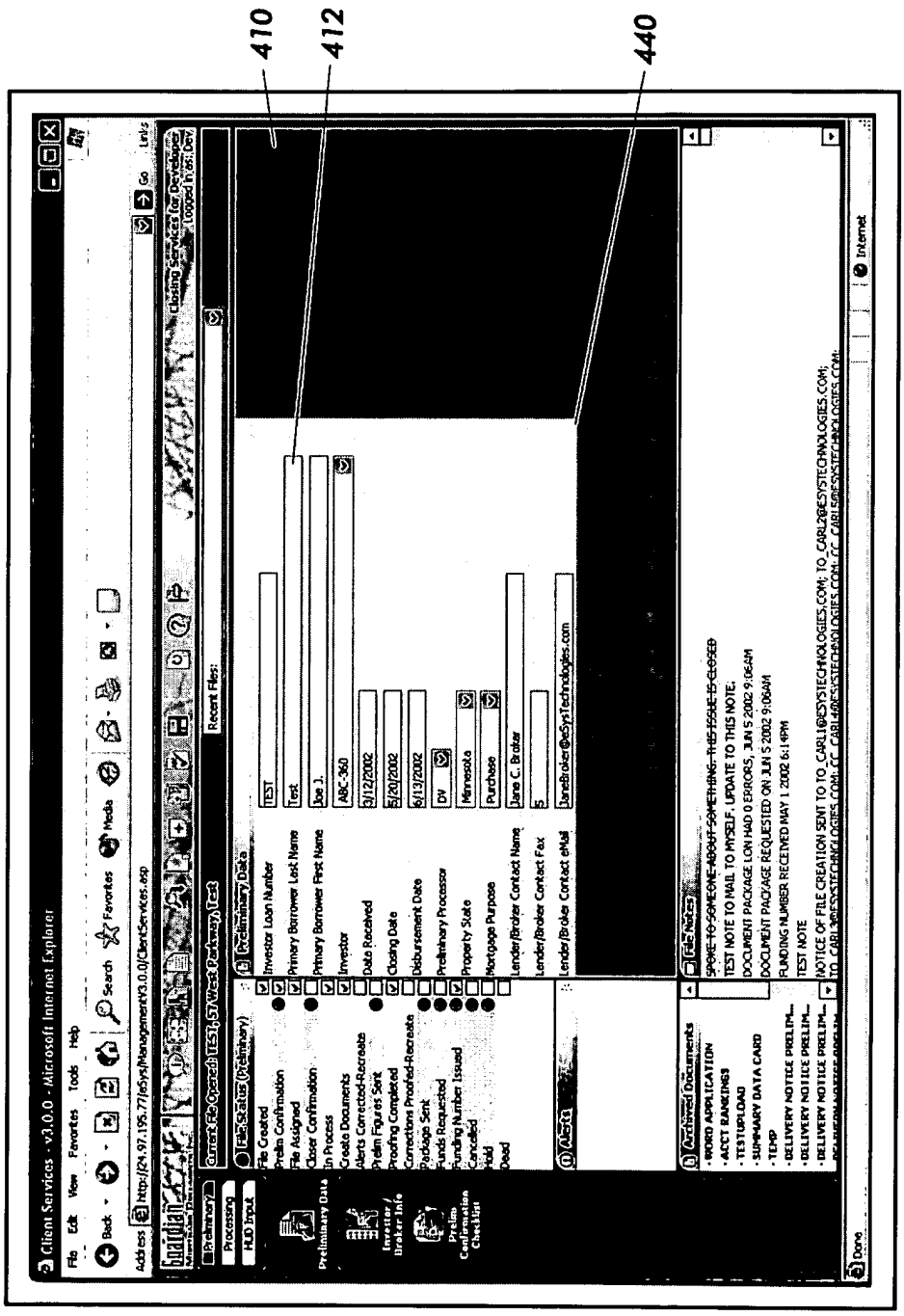

FIG. 5

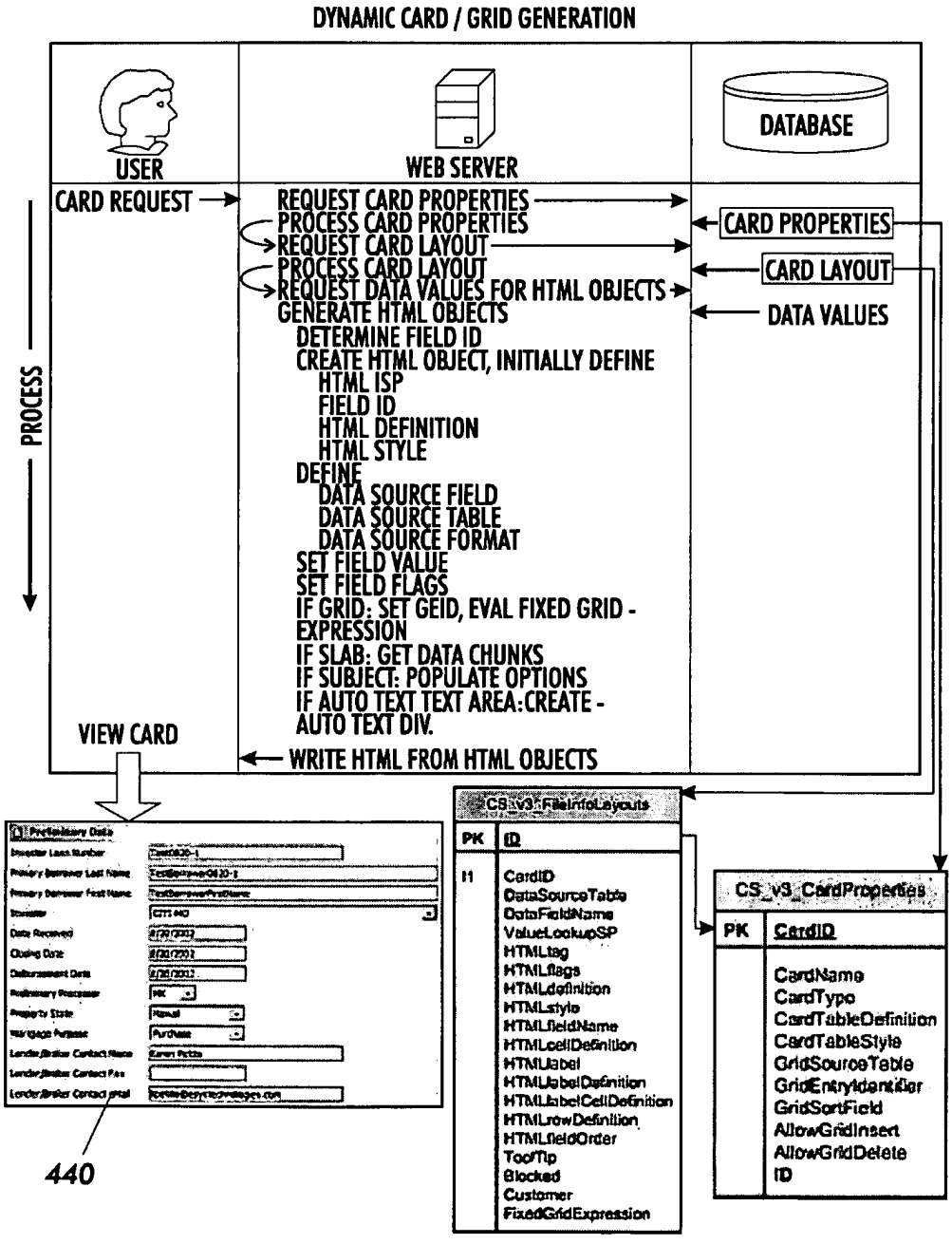
DYNAMIC CARD / GRID GENERATION
USER
WEB SERVER
DATABASE
PROCESS
CARD REQUEST
REQUEST CARD PROPERTIES
PROCESS CARD PROPERTIES
REQUEST CARD LAYOUT
PROCESS CARD LAYOUT
REQUEST DATA VALUES FOR HTML OBJECTS
GENERATE HTML OBJECTS
DETERMINE FIELD ID
CREATE HTML OBJECT, INITIALLY DEFINE
HTML ISP
FIELD ID
HTML DEFINITION
HTML STYLE
DEFINE
DATA SOURCE FIELD
DATA SOURCE TABLE
DATA SOURCE FORMAT
SET FIELD VALUE
SET FIELD FLAGS
IF GRID: SET GEID, EVAL FIXED GRID - EXPRESSION
IF SLAB: GET DATA CHUNKS
IF SUBJECT: POPULATE OPTIONS
IF AUTO TEXT TEXT AREA:CREATE - AUTO TEXT DIV.
WRITE HTML FROM HTML OBJECTS
CARD PROPERTIES
CARD LAYOUT
DATA VALUES
VIEW CARD
440
CS_v3_FieldInfoLayouts
PK
ID
I1
CardID
DataSourceTable
DataFieldName
ValueLookupSP
HTMLtag
HTMLflags
HTMLdefinition
HTMLstyle
HTMLfieldName
HTMLcellDefinition
HTMLlabel
HTMLlabelDefinition
HTMLlabelCellDefinition
HTMLrowDefinition
HTMLfieldOrder
ToolTip
Blocked
Customer
FixedGridExpression
CS_v3_CardProperties
PK
CardID
CardName
CardTypo
CardTableDefinition
CardTableStyle
GridSourceTable
GridEntryIdentifier
GridSortField
AllowGridInsert
AllowGridDelete
ID

FIG. 6